

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082718\
 Data File : VN050892.D
 Acq On : 27 Aug 2018 12:30
 Operator : MD\SY
 Sample : VN0827WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0827WBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/28/2018 12:20:23 PM

Quant Time: Aug 28 02:23:42 2018
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 05:38:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	587319	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	849900	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	767272	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	368992	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	358097	50.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.30%	
35) Dibromofluoromethane	7.59	113	342521	50.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.32%	
50) Toluene-d8	10.09	98	1236657	48.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.84%	
62) 4-Bromofluorobenzene	12.40	95	390997	46.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.10%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	161195	20.51	ug/l	99
3) Chloromethane	2.06	50	190772	19.68	ug/l	99
4) Vinyl Chloride	2.18	62	183095	19.94	ug/l	99
5) Bromomethane	2.56	94	107082	19.87	ug/l	99
6) Chloroethane	2.70	64	106128	20.00	ug/l	97
7) Trichlorofluoromethane	3.01	101	235116	19.99	ug/l	100
8) Diethyl Ether	3.41	74	82566	20.65	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.76	101	141934	19.32	ug/l	99
10) Methyl Iodide	3.95	142	112217	21.54	ug/l	99
11) Tert butyl alcohol	4.80	59	48330	107.34	ug/l	99
12) 1,1-Dichloroethene	3.73	96	131486	19.93	ug/l	98
13) Acrolein	3.61	56	25432	107.71	ug/l	95
14) Allyl chloride	4.33	41	207294	20.17	ug/l	99
15) Acrylonitrile	4.99	53	243596	106.46	ug/l	98
16) Acetone	3.82	43	176792	101.39	ug/l	100
17) Carbon Disulfide	4.05	76	398362	18.01	ug/l	99
18) Methyl Acetate	4.33	43	151405	22.68	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	361085	21.76	ug/l	100
20) Methylene Chloride	4.55	84	162702	20.42	ug/l	98
21) trans-1,2-Dichloroethene	5.05	96	142118	19.92	ug/l	98
22) Diisopropyl ether	5.96	45	451324	22.03	ug/l	99
23) Vinyl Acetate	5.90	43	1385197	105.00	ug/l	100
24) 1,1-Dichloroethane	5.85	63	271251	20.63	ug/l	99
25) 2-Butanone	6.84	43	266843	93.65	ug/l	99
26) 2,2-Dichloropropane	6.83	77	206430	19.53	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	161345	20.98	ug/l	99
28) Bromochloromethane	7.20	49	110293	19.74	ug/l	98
29) Tetrahydrofuran	7.21	42	179535	109.90	ug/l	99
30) Chloroform	7.37	83	273226	20.98	ug/l	99
31) Cyclohexane	7.66	56	216799	18.43	ug/l	94
32) 1,1,1-Trichloroethane	7.57	97	224533	20.07	ug/l	99
36) 1,1-Dichloropropene	7.80	75	192525	19.20	ug/l	99
37) Ethyl Acetate	6.93	43	122965	21.34	ug/l #	95
38) Carbon Tetrachloride	7.78	117	198898	19.62	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	197388	18.19	ug/l	99
40) Benzene	8.04	78	612788	20.26	ug/l	99
41) Methacrylonitrile	7.18	41	64984	20.84	ug/l	97
42) 1,2-Dichloroethane	8.13	62	189616	20.97	ug/l	100
43) Isopropyl Acetate	8.17	43	228864	23.10	ug/l #	90
44) Trichloroethene	8.84	130	157382	19.73	ug/l	97
45) 1,2-Dichloropropane	9.12	63	164852	20.74	ug/l	97
46) Dibromomethane	9.21	93	96504	20.66	ug/l	98
47) Bromodichloromethane	9.40	83	203716	20.83	ug/l	99
48) Methyl methacrylate	9.20	41	104838	20.77	ug/l	99
49) 1,4-Dioxane	9.20	88	30216	439.07	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	606681	102.63	ug/l	100
52) Toluene	10.16	92	369850	20.64	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	196537	20.19	ug/l	97
54) cis-1,3-Dichloropropene	9.84	75	232658	20.87	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	140580	21.14	ug/l	98
56) Ethyl methacrylate	10.43	69	157334	19.68	ug/l	98
57) 1,3-Dichloropropane	10.71	76	231960	21.13	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	328786	95.07	ug/l	99
59) 2-Hexanone	10.75	43	390475	99.23	ug/l	98
60) Dibromochloromethane	10.90	129	156151	20.97	ug/l	99
61) 1,2-Dibromoethane	11.01	107	134244	20.88	ug/l	98
64) Tetrachloroethene	10.63	164	142808	19.60	ug/l	99
65) Chlorobenzene	11.44	112	399754	19.93	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	155288	21.16	ug/l	99
67) Ethyl Benzene	11.51	91	649927	19.93	ug/l	99
68) m/p-Xylenes	11.62	106	504578	40.77	ug/l	100
69) o-Xylene	11.95	106	241118	20.27	ug/l	98
70) Styrene	11.96	104	380765	18.97	ug/l	98
71) Bromoform	12.13	173	106577	21.12	ug/l #	100
73) Isopropylbenzene	12.25	105	625541	20.47	ug/l	99
74) N-amyl acetate	12.07	43	159196	20.74	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	174784	23.11	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	149660m	23.16	ug/l	
77) Bromobenzene	12.53	156	172691	20.80	ug/l	98
78) n-propylbenzene	12.59	91	701275	20.55	ug/l	100
79) 2-Chlorotoluene	12.67	91	436107	20.51	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	518430	21.03	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	39324	20.57	ug/l	94
82) 4-Chlorotoluene	12.77	91	431881	20.58	ug/l	99
83) tert-Butylbenzene	12.99	119	435820	20.41	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	524723	21.16	ug/l	99
85) sec-Butylbenzene	13.17	105	573136	20.49	ug/l	100
86) p-Isopropyltoluene	13.29	119	488783	20.50	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	279116	19.81	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	266418	19.21	ug/l	100
89) n-Butylbenzene	13.62	91	356979	18.72	ug/l	98
90) Hexachloroethane	13.87	117	94527	20.91	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	275675	20.28	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	22277	20.30	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	103277	17.49	ug/l	99
94) Hexachlorobutadiene	15.01	225	83334	20.01	ug/l	99
95) Naphthalene	15.13	128	197252	17.33	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	106583	18.31	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

